

OCCUPANT EJECTION PREVENTION ASSEMBLY

Abstract

An automotive ejection prevention assembly is provided comprising an airbag mounted within the beltline of a vehicle door. The airbag has an airbag stored condition and an airbag deployed position. The airbag expands vertically upwards from the beltline when in the airbag deployed position. A cover cloth assembly is mounted within a window frame of the vehicle door. The cover cloth assembly has a vertical restraint edge mounted to a vertical portion of the window frame and a horizontal restraint edge mounted to the beltline. The cover cloth assembly includes an inner cloth surface and an outer cloth surface joined to form an internal pocket. The airbag is positioned within the internal pocket. The cover cloth assembly fills a portion of the window frame upon the airbag entering the airbag deployed position. The cover cloth assembly prevents occupant ejection through the window frame.